

**BY ORDER OF THE  
SECRETARY OF THE AIR FORCE**

**AIR FORCE INSTRUCTION 32-1074**

**7 NOVEMBER 2014**

**Civil Engineering**

**AERIAL APPLICATION OF PESTICIDES**



**COMPLIANCE WITH THIS PUBLICATION IS MANDATORY**

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This instruction provides guidance for aerial application of pesticides on Department of Defense (DoD) installations. It implements Air Force policy directive (AFPD) 32-10, *Installations and Facilities*, and Department of Defense instruction (DoDI) 4150.07, *DoD Pest Management Program*. Use this guidance in the United States (US) and US territories in conjunction with applicable Federal, state, and local laws and regulations. For installations outside the US and its territories, compliance requirements within the Overseas Environmental Baseline Guidance Document or the final governing standard for the host country take precedence over this document. This publication applies to Air Force Reserve Command (AFRC) and Air National Guard (ANG) Units. This publication may be supplemented at any level, but all direct Supplements must be routed to the Office of Primary Responsibility (OPR) of this publication for coordination prior to certification approval. The authorities to waive wing/unit level requirement in this publication are identified with a Tier ("T0, T-1, T-2, T-3") number following the compliance statement. See Air Force Instruction (AFI) 33-360, *Publications and Forms Management*, for a description of the authorities associated with the Tier numbers. Submit requests for waivers through the chain of command to the appropriate Tier waiver approval authority, or alternately, to the Publication OPR for non-tiered compliance items. Refer recommended changes and questions about this publication to the OPR using the AF Form 847, *Recommendation for Change of Publication*; route AF Forms 847 from the field through the appropriate functional chain of command. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with Air Force Manual (AFMAN) 33-363, *Management of Records*, and disposed of in accordance with the Air Force Records Information Management System (AFRIMS) Records Disposition Schedule (RDS). The use of the name or mark of any specific manufacturer, commercial product, commodity, or service in this publication does not imply endorsement by the Air Force.

## ***SUMMARY OF CHANGES***

This document has been substantially revised and must be completely reviewed. Major changes include the addition of Tier waiver authority requirements, updated office symbols, and updated references.

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**1. Background.** Application of pesticides from rotary and fixed-wing aircraft permits rapid coverage of large areas and treating of areas inaccessible to ground-control equipment. It is particularly useful when high operational efficiency is necessary to control unexpected outbreaks of vector-borne disease, management of invasive species, and unusual outbreaks of other pests.

## **2. Objectives:**

### **2.1. Promote and support:**

2.1.1. Military readiness and joint force health protection.

2.1.2. Installation program planning and maintenance.

2.1.3. Pollution prevention, conservation of natural resources, and environmental compliance.

2.1.4. Integrated pest management.

### **2.2. Provide well-trained, technically competent, aerial pesticide application personnel.**

## **3. Responsibilities:**

**3.1. Secretary of the Air Force.** DoDI 4150.07 tasks the Air Force to:

3.1.1. Maintain a large-area, fixed-wing aerial application capability to control disease vectors, vegetation, and pests of vegetation, and to disperse petroleum spills in combat areas, on DoD installations, or in response to a Presidential declared disaster/emergency.

3.1.2. Train aerial pesticide application air crews and ground support personnel.

3.1.3. Reviews Air Force defense support of civilian authorities (DSCA) requests for assistance (RFA) following disasters/emergencies to comply with the Economy Act and Stafford Act.

3.1.4. Ensure that foreign disaster relief aerial application projects are in compliance with DoD directive (DoDD) 5100.46, *Foreign Disaster Relief*; and that projects involving military support to civil authorities are in compliance with DoDD 3025.18, *Defense Support of Civil Authorities (DSCA)* and AFI 10-802, *Military Support to Civil Authorities*.

**3.2. The Air Force Surgeon General (AF/SG):** Establishes policy and resources to evaluate worldwide vector borne disease threats. Interfaces with DoD, major commands (MAJCOM), Air Force Civil Engineer Center (AFCEC), and other Federal, state, and international organizations on the need for developing vector, medical pest and vector borne disease surveillance and suppression programs, including the aerial application of pesticides in accordance with (IAW) AFI 48-102, *Medical Entomology Program*.

**3.3. Director of Civil Engineers:** Establishes, maintains, and approves Air Force policy regarding the aerial application of pesticides. (The National Guard Bureau/Civil Engineer approves ANG policy.)

**3.4. AFCEC:**

3.4.1. Develops guidance to implement Air Force aerial application of pesticides. **(T-1)**

3.4.2. Assists MAJCOM pest management personnel or pest management consultant (PMC) to implement an effective aerial application program. Provide technical support for DRUs/small MAJCOMs IAW AFI 32-1053, *Pest Management Program*. **(T-1)**

3.4.3. Coordinates with other service agencies on military aerial pest management programs. **(T-1)**

**3.5. Designated MAJCOM Pest Management Consultant (PMC):**

3.5.1. Provide consultation service to installations on aerial pesticide application.

3.5.2. Ensure that a designated PMC, who is certified in DoD Category 11, Aerial Application, approves all proposed pest management projects involving the aerial application of pesticides.

3.5.3. Inform the installation project coordinator of routine project approval/disapproval.

3.5.4. Submit a copy of approved projects for application by Air Force Reserve C-130 assets with documentation to the 910 Airlift Wing.

3.5.5. Certify individuals successfully completing DoD Category 11, Aerial Application, certification training IAW DoD Manual 4150.07-M, Volume 1, *The DoD Plan for the Certification of Pesticide Applicators*.

3.5.6. Review/approve the Aerial Application of Pesticides Statement of Need, environmental documentation, and performance work statements (PWS) for contract actions involving the aerial application of pesticides.

3.5.7. For approved, routine DoD projects involving aerial application of pesticides, ensure that a contract quality assurance evaluator has training in DoD Category 11, Aerial Application.

3.5.8. Ensure annual review/update of Integrated Pest Management (IPM) Plans with appropriate requirements of this AFI.

**3.6. Air Force National Security Emergency Preparedness (AFNORTH/1AF/NSEP):**

3.6.1. Processes emergency projects for non-DoD US property, territories, or possessions (Figure 3.1) with local, state, and Federal government agencies.

3.6.2. Coordinates emergency aerial application requests with the Armed Forces Pest Management Board (AFPMB), HQ USAF/SG, and Headquarters Air Force Reserve Command, Directorate of Current Operations, Branch of Air Operations (HQ AFRC/A300).

3.6.3. Provides operational commanders situational awareness of aerial spray (Modular Aerial Spray System [MASS]) missions.

**3.7. AFRC/A300:**

3.7.1. Validates Air Force Reserve capability to perform aerial application missions.

3.7.2. Coordinates and approves the 910 Airlift Wing to perform aerial application missions.

3.7.3. Identifies the agency with tactical control (TACON) of the spray mission.

3.7.4. Notifies mission requesters of mission approval or disapproval.

**3.8. Installation Commander and Other Requesters.** Installation commanders and other requesters will appoint a Project Coordinator for Aerial Spray Projects when planning aerial pesticide application operations. (T-2)

**3.8.1. Project Coordinator:**

**3.8.1.1. Administrative Requirements for 910 Airlift Wing Projects:**

3.8.1.1.1. Requests aerial application of pesticides using Air Force assets:

3.8.1.1.1.1. To obtain routine DoD aerial application projects, follow the guidelines provided in Attachment 3 for project approval. Once the project is approved, follow the request flow diagram in Figure 3.1 to obtain 910 Airlift Wing support. (T-1)

3.8.1.1.1.2. To obtain aerial application support for emergencies on DoD property, non-DoD continental US (CONUS) and outside continental US (OCONUS) property, and contingencies, route requests as outlined in Figures

3.2, 3.3, 3.4, or 3.5, as appropriate (see Table 3.1). **(T-0)**

3.8.1.1.2. Coordinates actions to ensure that the installation (or requesting agency) furnishes all pesticide supplies and personnel necessary for the project. Ensure the procurement of hazardous material pesticides follows AFI 32-7086, *Hazardous Material Management*, procedures. **(T-3)**

3.8.1.1.3. Arranges with the local weather detachment for weather service support. **(T-3)**

3.8.1.1.4. Arranges with the installation or requesting agency for local transportation, billeting, aircraft parking and servicing, and any other services necessary to support air crews and aircraft. **(T-3)**

3.8.1.1.5. Assists Public Affairs with notices using information available from the responsible unit for project execution. **Note:** Public notification is the responsibility of the requesting agency. **(T-2)**

3.8.1.1.6. Ensures the security of pesticides and equipment in accordance with AFPMB Technical Guide (TG) 7, *Installation Pesticide Security*. **(T-0)**

3.8.1.1.7. Ensures safety coordination with base operations for air traffic control. Notify local emergency response agencies when planning missions. **(T-1)**

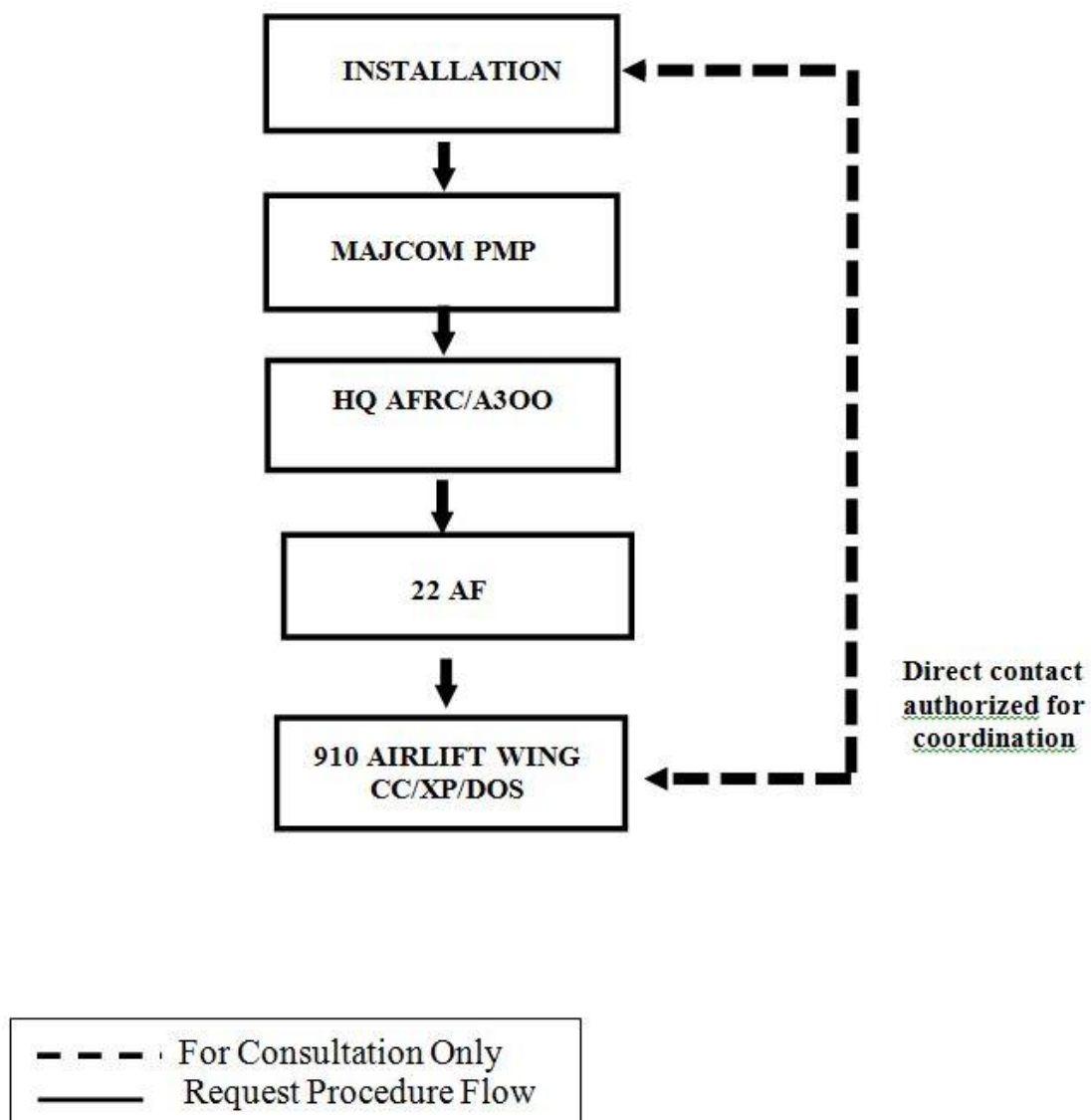
3.8.1.1.8. Follows the guidance outlined in DoDI 4715.5, *Management of Environmental Compliance at Overseas Installations*, paragraph 2.1.4 for operations of US military vessels and US military aircraft, or off-installation operational and training deployments. Off-installation operational deployments include cases of hostilities, contingency operations in hazardous areas, and when US Forces are operating as part of a multinational force not under the full control of the US. **(T-0)**

3.8.1.1.9. Arranges the Fire Emergency Services (FES) Flight to receive familiarization training on the aircraft that includes interior configuration of pesticide dispersal systems, location of releasing mechanisms, and other essential emergency procedures deemed appropriate by the aircrew. This process is critical for safe operations during declared in-flight and ground emergencies. **(T-1)**

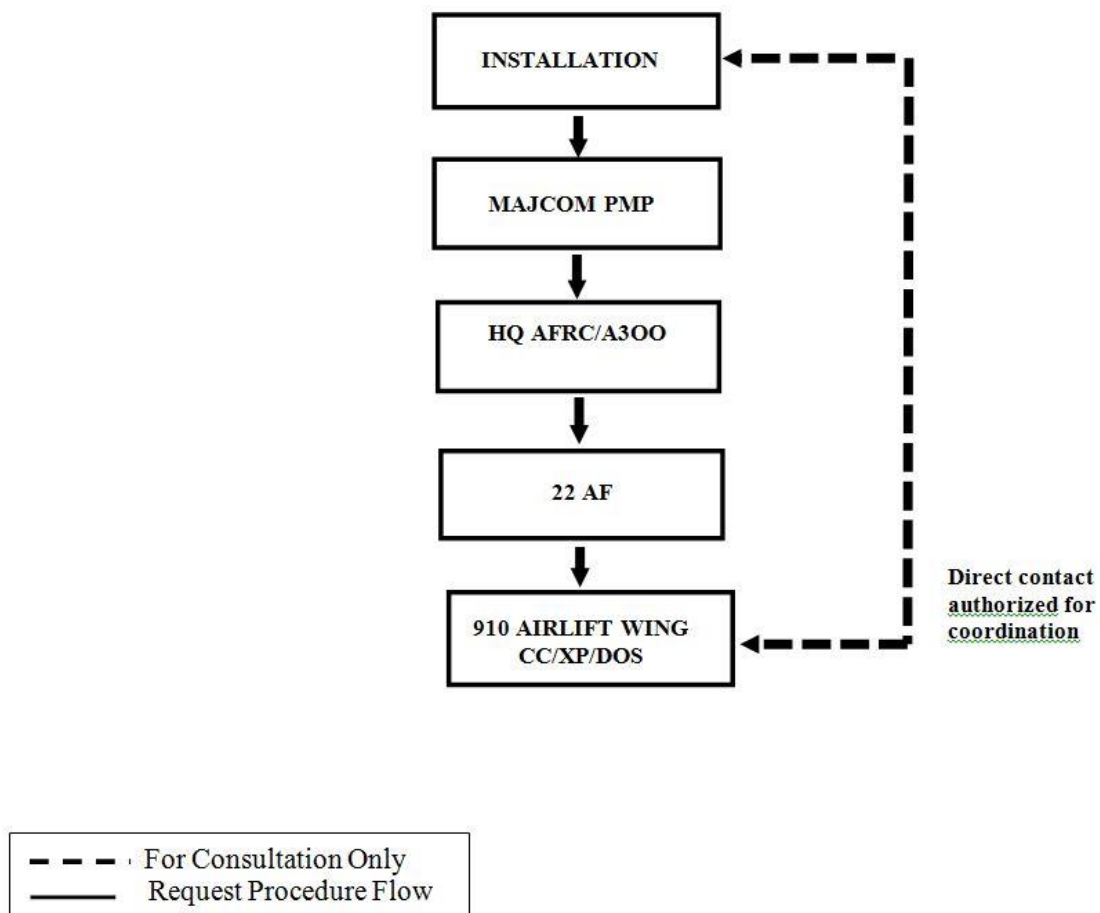
**Table 3.1. Approval Process Matrix for 910 Airlift Wing Projects.**

<b>Classification</b>	<b>DoD</b>	<b>US Non-DoD</b>	<b>Non-US Non-DoD</b>
Routine	Fig. 3.1	N/A	N/A
Disaster/Emergency (Non-War Response)	Fig. 3.2	Fig. 3.3	Fig. 3.4
War/Contingency (Force Health Protection)	Fig. 3.5	Fig. 3.5	Fig. 3.5

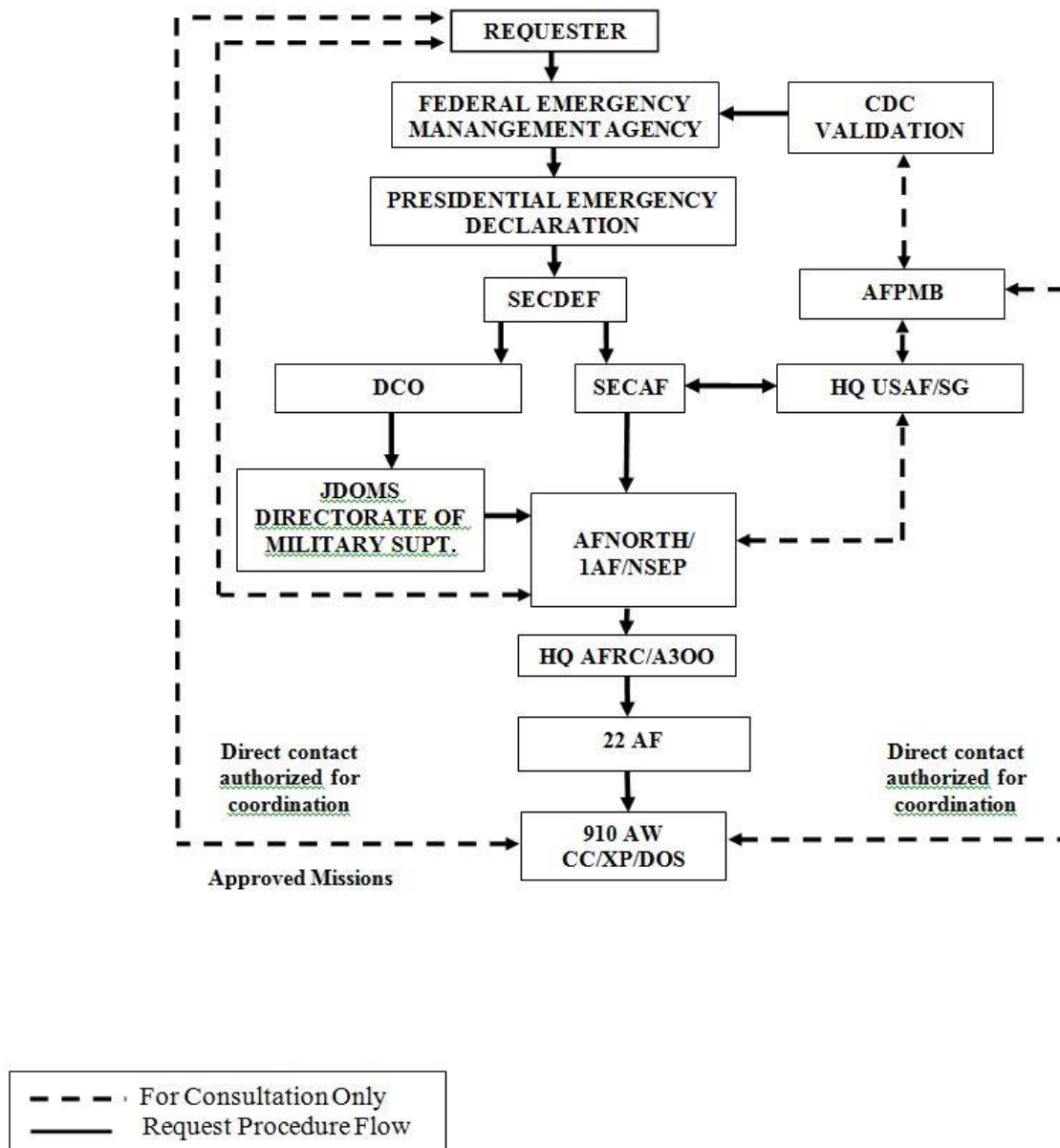
**Figure 3.1. Procedure for Requesting 910 Airlift Wing Support of Routine Approved Projects on DoD Property.**



**Figure 3.2. Procedure for Requesting Emergency 910 Airlift Wing Support on DoD Property.**



**Figure 3.3. Procedure for Requesting Emergency 910 Airlift Wing Support on Non-DoD US Property, Territories, or Possessions.**





**Figure 3.4. Procedure for Requesting Emergency 910 Airlift Wing Support on Non-DoD Non-US Property.**

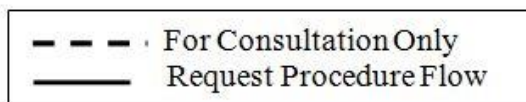
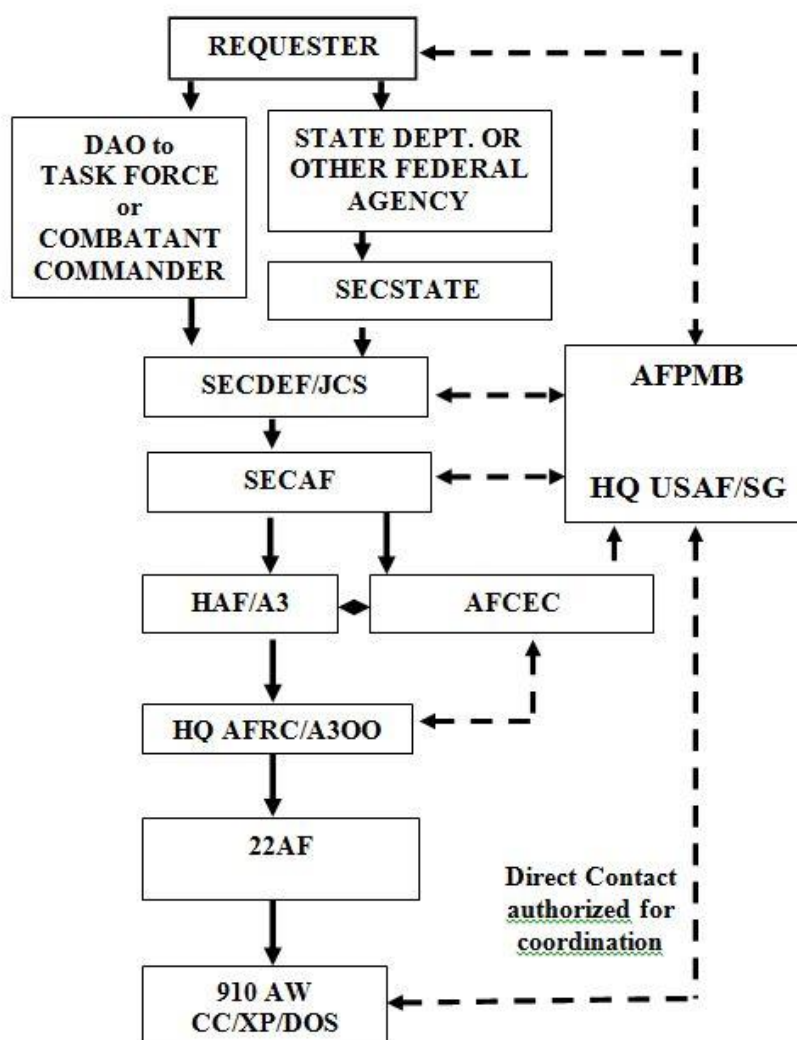
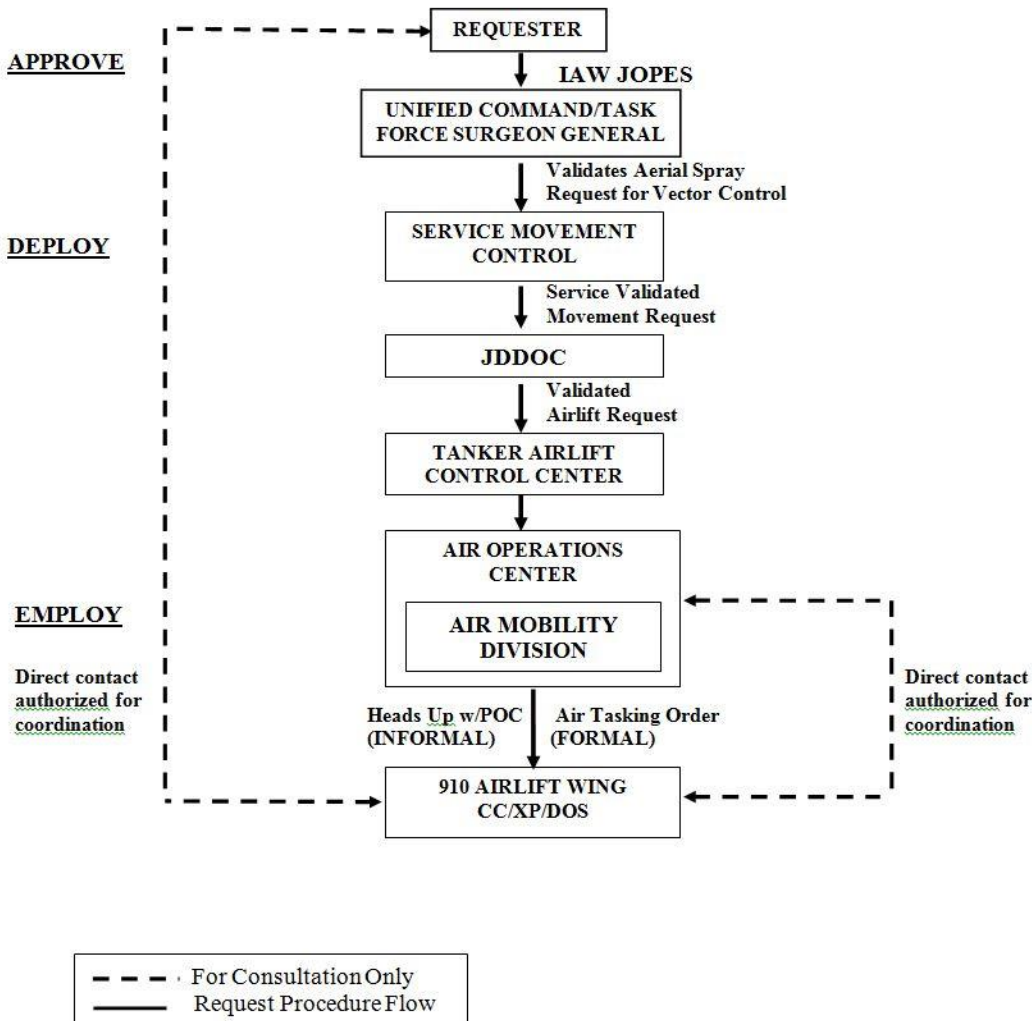


Figure 3.5. Procedure for Requesting 910 Airlift Wing Support in Contingencies.



### 3.8.1.2. Administrative Requirements for Routine Projects by Contract:

3.8.1.2.1. Determines a need for aerial application by requesting that the MAJCOM PMC or other pest management professional (PMP) certified in DoD Category 11, Aerial Application, visit the installation to create a statement of need. **(T-0)**

3.8.1.2.2. Once the need for aerial application is validated, requests development of an environmental assessment (EA) or environmental impact statement (EIS) IAW AFI 32-7061. **(T-0)**

3.8.1.2.3. Develops a PWS for review by a PMP certified in DoD Category 11, Aerial Application. **(T-0)**

3.8.1.2.4. Forwards the Aerial Application of Pesticides Statement of Need, environmental documentation (EA or EIS), and PWS to the MAJCOM PMC for project approval. **(T-0)**

3.8.1.2.5. Follows guidance in AFI 32-1053 and the IPM Plan for contracting pest management operations. (T-1)

3.8.1.2.6. Prior to application, notifies public of proposed aerial spray activities through Public Affairs. (T-0)

3.8.1.2.7. Ensures security of pesticides and equipment when using contractors for aerial application of pesticides. (T-0)

3.8.1.2.8. Ensures safety coordination with base operations for air traffic control. Notify local emergency response agencies when planning missions. (T-0)

3.8.1.2.9. Obtains the following DoD clearances for contract applicators to spray over or land on DoD property (prior to the start of the project) (T-0):

3.8.1.2.9.1. DD Form 2400, *Civil Aircraft Certificate of Insurance*, <http://www.dtic.mil/whs/directives/infomgt/forms/eforms/dd2400.pdf>.

3.8.1.2.9.2. DD Form 2401, *Civil Aircraft Landing Permit*, <http://www.dtic.mil/whs/directives/infomgt/forms/eforms/dd2401.pdf>.

3.8.1.2.9.3. DD Form 2402, *Civil Aircraft Hold Harmless Agreement*, <http://www.dtic.mil/whs/directives/infomgt/forms/eforms/dd2402.pdf>.

3.8.1.2.10. Ensures that contract quality assurance personnel are trained in DoD Category 11, Aerial Application. (T-0)

3.8.1.2.11. Provides pesticide use documentation to the installation pest management coordinator for input into the Integrated Pest Management Information System (IPMIS). (T-0)

### 3.8.1.3. Environmental Requirements:

3.8.1.3.1. Ensures that a spray map with well-delineated spray and no-spray area(s) is included in the statement of need. (T-1)

3.8.1.3.2. Ensures that pre- and post-treatment surveys are accomplished to evaluate mission effectiveness. Surveys are normally done by Public Health personnel for medical-related pests and Base Civil Engineer (BCE) personnel for other pests. (T-2)

3.8.1.3.3. Accomplishes environmental documentation, including an Aerial Application of Pesticides Statement of Need. **Note:** An Aerial Application of Pesticides Statement of Need is required for all routine Air Force aerial spray projects, including contracts. All routine projects by other Service agencies requiring use of Air Force aerial spray assets to control pests must also have an Aerial Application of Pesticides Statement of Need. (T-0)

3.8.1.3.4. Coordinates with Aerospace Medicine to ensure that medical, toxicological, and occupational health concerns are fully addressed. (T-1)

3.8.1.3.5. Coordinates with government agencies and BCE to ensure compliance with applicable Federal, state, local, and host nation environmental laws and standards, including applicable environmental AFIs. (T-0)

3.8.1.3.6. Requests legal review of projects. (T-1)

3.8.1.3.7. Prior to application, notifies the public of proposed aerial spray activities through Public Affairs in accordance with Federal Air Regulation (FAR) Part 137, Agricultural Aircraft Operations. News releases to local media must be made at least 24 hours prior to application. Notifications must encompass a 5mile buffer surrounding the spray block and include the following information:

3.8.1.3.7.1. Planned primary and alternate weather dates and times of spraying. (T-0)

3.8.1.3.7.2. Area to be treated and justification. (T-0)

3.8.1.3.7.3. Information on the safety of the pesticide to warm-blooded animals, plants, and painted finishes at the dosages used. Chemically sensitive individuals may be advised to remain indoors during spraying. (T-0)

3.8.1.3.7.4. Information on the type of aircraft (C-130H is large, gray, four-engine aircraft) flying at low altitudes. (T-0)

3.8.1.3.7.5. Requirement to protect bees during the application. (Requestor must notify local apiarists and apiary associations to give them an opportunity to protect their hives.) (T-0)

3.8.1.3.8. Sends the Aerial Application of Pesticides Statement of Need and environmental documentation to the MAJCOM PMC who has certification in DoD Category 11, Aerial Application, for approval. (T-0)

3.8.1.3.9. Ensures that unused pesticides and empty pesticide containers receive proper storage and disposal IAW AFI 32-7042, *Waste Management*. (T-0)

3.8.1.3.10. Oversees amendments to the environmental documentation and Aerial Application of Pesticides Statement of Need if the scope of the project changes. (T-0)

3.8.1.3.11. Evaluate opportunities to minimize the use of pesticides while maintaining mission support requirements in accordance with the DoD Strategic Sustainability Performance Plan. (T0)

3.8.1.4. **Working Group.** To accomplish the tasks in paragraphs 3.8.1.1 through 3.8.1.3, the project coordinator must form a working group consisting of representatives from the following organizations (T-2):

3.8.1.4.1. Aerospace Medicine (or Service component equivalent).

3.8.1.4.1.1. Public Health.

3.8.1.4.1.2. Bioenvironmental Engineering.

3.8.1.4.2. Civil Engineer Pest Management.

3.8.1.4.3. Installation Environmental Coordinator.

3.8.1.4.4. Public Affairs.

3.8.1.4.5. Legal.

3.8.1.4.6. Others deemed necessary.

**3.9. The 910 Airlift Wing:**

3.9.1. In accordance with DoDI 4150.07, provides the Air Force capability to apply pesticides over large areas using the MASS. **(T-0)**

3.9.2. On each mission, deploys at least one PMP trained for C-130 aerial pesticide application and certified in DoD Category 11, Aerial Application. **(T-0)**

3.9.3. Serves as the DoD Training Center for Aerial Application Pest Control by offering the Aerial Application of Pesticides (AAP-001) course. **(T-0)**

3.9.4. Provides consultation services and procedural guidelines for aerial application of pesticides to all DoD organizations regarding routine, emergency, and contingency projects. **(T-0)**

3.9.5. Conducts operational testing of new pesticides, equipment, and techniques for aerial applications. **(T-3)**

3.9.6. Maintains a DoD aerial application literature repository and computer-based deposition models. **(T-2)**

3.9.7. Mission commander will send a daily situation report (SITREP) to the gaining and parent MAJCOMs. Within 5 business days of mission completion, the mission commander will send a Post Mission Spray Report to AFRC/A3OO. **(T-2)**

JUDITH A. FEDDER, Lieutenant General, USAF  
DCS/Installations, Logistics & Mission Support

**Attachment 1****GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

AFI 10-801, *Defense Support of Civilian Authorities (DSCA)*, 19 September 2012

AFI 32-1053, *Integrated Pest Management Program*, 23 June 2009

AFI 32-7042, *Waste Management*, 15 April 2009

AFI 32-7061, *The Environmental Impact Analysis Process*, 12 March 2003

AFI 32-7086, *Hazardous Material Management*, 1 November 2004

AFI 33-360, *Publications and Forms Management*, 25 September 2013

AFI 48-102, *Medical Entomology Program*, 19 August 2014

AFPMB TG 7, *Installation Pesticide Security*, August 2003

AFMAN 33-363, *Management of Records*, 1 March 2008

AFPD 32-10, *Installations and Facilities*, 04 March 2010

DoDD 3025.18, *Defense Support of Civil Authorities*, 29 December 2010

DoDD 5100.46, *Foreign Disaster Relief*, July 6, 2012

DoDI 4150.07, *DoD Pest Management Program*, 29 May 2008

DoDM 4150.07, V1, *DoD Pest Management Training and Certification Program: The DoD Plan for Pesticide Applicators*, 23 May 2013

DoDI 4715.05, *Environmental Compliance at Installations Outside the United States*, November 1, 2013

***Prescribed Forms***

DD Form 2400, *Civil Aircraft Certificate of Insurance*

DD Form 2401, *Civil Aircraft Landing Permit*

DD Form 2402, *Civil Aircraft Hold Harmless Agreement*

***Adopted Forms***

AF Form 847, *Recommendation for Change of Publication*

***Abbreviations and Acronyms***

**AFMAN**—Air Force manual

**AFNORTH**—1st Air Force

**AFNORTH/1AF/NSEP**—Air Force National Security Emergency Preparedness

**AFPMB**—Armed Forces Pest Management Board

**BCE**—Base Civil Engineer

**CC**—Commander

**CDC**—Centers for Disease Control and Prevention

**CONUS**—continental United States

**DAO**—department/agency/organization

**DCO**—Defense Coordinating Officer

**DD**—Department of Defense (as used on forms)

**Dept.**—department

**DoD**—Department of Defense

**DoDD**—Department of Defense directive

**DoDI**—Department of Defense instruction

**DOS**—Director of Operations Support

**DRU**—Direct Reporting Unit

**EA**—environmental assessment

**EIS**—environmental impact statement

**FAR**—Federal Air Regulation

**FES**—fire emergency services

**FOA**—field operating agency

**HAF/A3**—Office of the Chief of Staff of the Air Force/Chief of Operations

**HQ AFCEC**—Headquarters Air Force Civil Engineer Center

**HQ AFRC/A300**—Headquarters Air Force Reserve Command, Directorate of Current Operations, Branch of Air Operations

**HQ USAF/SG**—Air Force Surgeon General

**IAW**—in accordance with

**IPM**—Integrated Pest Management

**IPMIS**—Integrated Pest Management Information System

**JDDOC**—Joint Deployment and Distribution Operations Center

**JDOMS**—Joint Director of Military Support

**JOPEs**—Joint Operation Planning and Execution System

**MASS**—Modular Aerial Spray System

**N/A**—not applicable

**OCONUS**—outside the continental United States

**OPM**—Office of Personnel Management

**PMC**—pest management consultant

**PMP**—pest management professional

**POC**—point of contact

**PWS**—performance work statement

**SECAF**—Secretary of the Air Force

**SECDEF/JCS**—Secretary of Defense/Joint Chiefs of Staff

**SECSTATE**—Secretary of State

**SITREP**—situation report

**Supt.**—support

**TACON**—tactical control

**US**—United States

**XP**—Wing Plans

### *Terms*

**Aerial Application of Pesticides**—Any application of pesticides by military or civilian fixed or rotary-wing aircraft.

**Aerial Application of Pesticide Mission**—The actual aerial application of a pesticide over an approved area.

**Aerial Application of Pesticides Statement of Need**—A document prepared by a PMP with certification in DoD Category 11, Aerial Application. If this document states that the proposed project is justified, preparation of an EA or EIS is initiated and prepared as required by the MAJCOM. **Note:** See Attachment 2 for the statement of need.

**Approved Aerial Application of Pesticides Project**—A proposed project that has received written approval from a DoD Category 11, Aerial Application, certified PMP at the requester's MAJCOM or higher command in accordance with DoDI 4150.07. This PMP approval is provided only after reviewing the project's Aerial Application of Pesticides Statement of Need and appropriate environmental documentation. **Note:** See Attachment 3 for the approval process.

**Armed Forces Pest Management Board (AFPMB)**—A directorate of the Office of the Deputy Under Secretary of Defense (Acquisition, Technology and Logistics), the AFPMB recommends DoD policy, provides scientific advice, and enhances coordination among DoD components on all matters related to pest management.

**Disease Vector**—Any animal capable of transmitting the causative agent of a human disease; serving as an intermediate or reservoir host of a pathogenic organism; or producing human discomfort or injury, including (but not limited to) mosquitoes, flies, other insects, ticks, mites, snails, and rodents.

**Disaster/Emergency Declaration**—As set forth in the Stafford Act, a governor seeks a presidential declaration by submitting a written request to the President through the FEMA regional office. In this request the Governor certifies that the combined local, county and state resources are insufficient and that the situation is beyond their recovery capabilities. FEMA provides the President an analysis of the situation and a recommended course of action.



Emergency responses on DoD property would include insect vectored disease outbreaks or unacceptable nuisance biting conditions. This is separate from routine spray missions.

**Environmental Documentation**—An EA or EIS as defined for Air Force projects in AFI 32-7061, *The Environmental Impact Analysis Process*.

**Integrated Pest Management (IPM)**—A planned program, incorporating continuous monitoring, education, record keeping, and communication to prevent pests and disease vectors from causing unacceptable damage to operations, people, property, materiel, or the environment. IPM uses targeted, sustainable (effective, economical, environmentally sound) methods, including education, habitat modification, biological control, genetic control, cultural control, mechanical control, physical control, regulatory control, and where necessary, the judicious application of least-hazardous pesticides.

**Non—DoD**—Support to non-military federal, state, or local agencies. Support may include humanitarian assistance overseas as approved by the SECDEF.

**Pests**—Arthropods, birds, rodents, nematodes, fungi, bacteria, viruses, algae, snails, marine borers, snakes, weeds, or other organisms (except for human or animal disease-causing organisms) that adversely affect readiness, military operations, or the well-being of personnel and animals; attack or damage real property, supplies, equipment, or vegetation; or are otherwise undesirable.

**Pest Management Consultant (PMC)**—DoD PMPs located at Component headquarters, FOAs, MAJCOMs, facilities engineering field divisions, or activities, or area support activities, who provide technical and management guidance for the conduct of installation pest management operations. Some PMCs may be designated by their Component as certifying officials.

**Pest Management Professional (PMP)**—DoD military officers commissioned in the Medical Service or Biomedical Sciences Corps or DoD civilian personnel with college degrees in biological or agricultural sciences who are in a current assignment that includes pest management responsibilities exercised regularly. DoD civilian employees also shall meet Office of Personnel Management (OPM) qualification standards. Based on assignment, some PMPs are PMCs.

## Attachment 2

### AERIAL APPLICATION OF PESTICIDES STATEMENT OF NEED

**A2.1. Requirement.** Completion of an Aerial Application of Pesticides Statement of Need is the first step required to obtain approval for an Aerial Application of Pesticides Project at a DoD installation. If the need is justified, an EA or EIS will be prepared in accordance with MAJCOM guidance. If the need is not justified, the proposed project can be terminated and considerable resources can be saved by not starting the environmental documentation process. **(T-0)**

**A2.1.1. Preparer.** An Aerial Application of Pesticides Statement of Need will be prepared by a PMP with certification in DoD Category 11, Aerial Application. **(T-0)**

**A2.1.2. Statement of Need Format:**

**A2.1.2.1. Introductory Headings:**

A2.1.2.1.1. Name, address, and telephone number of preparer.

A2.1.2.1.2. Dates of on-site survey.

**A2.1.2.2. Purpose and Decision for the Need:**

A2.1.2.2.1. Purpose of project.

A2.1.2.2.2. Need justified or not justified.

A2.1.2.2.3. Rationale for decision.

**A2.1.2.3. Aerial Application Project Parameters: Note:** Complete this portion only if the need is justified.

A2.1.2.3.1. Pests and stages to be controlled.

A2.1.2.3.2. Recommended timing of the application.

A2.1.2.3.3. Treatment area map with spray and no-spray/environmentally sensitive areas delineated.

A2.1.2.3.4. Acreage and description of spray and surrounding areas.

A2.1.2.3.5. Recommended pesticides and application rate.

A2.1.2.3.6. Recommended applicator source with justification.

A2.1.2.3.6.1. 910 Airlift Wing aerial spray.

A2.1.2.3.6.2. Contractor.

A2.1.2.3.7. Other.

**A2.1.2.4. Signature and Date.**

### Attachment 3

#### AERIAL APPLICATION OF PESTICIDES PROJECT APPROVAL PROCESS

**A3.1.** Installation personnel identify the potential for using aerial application of pesticides to control problem pests.

**A3.2.** Installation personnel contact the MAJCOM PMP and request that a statement of need be prepared by a PMP certified in DoD Category 11, Aerial Application.

**A3.3.** The PMP conducts an on-site visit and prepares an Aerial Application of Pesticides Statement of Need.

**A3.4.** An EA or EIS is prepared if the PMP's Aerial Application of Pesticides Statement of Need justifies the need for an Aerial Application of Pesticides Project.

**A3.5.** The installation commander forwards an Aerial Application of Pesticides Statement of Need and appropriate environmental documentation to the MAJCOM PMC for project approval.

**A3.6.** The project is either approved or disapproved by the PMC with certification in DoD Category 11, Aerial Application. The PMC will coordinate all projects with the MAJCOM Surgeon General's office for vector control. The PMC sends written project approval or disapproval back to the requesting installation. **(T-0)**

**A3.7.** For projects to be accomplished by the 910 Airlift Wing, approved project documentation is sent to 910 AW/DOS by the MAJCOM or requesting installation personnel. Project documentation includes the Aerial Application of Pesticides Statement of Need, environmental documentation (EA or EIS), and a copy of written MAJCOM PMC approval for the project. See Figure 3.1.

**A3.8.** For projects to be accomplished by contract, forward the Aerial Application of Pesticides Statement of Need, environmental documentation (EA or EIS), and PWS to the MAJCOM PMC for project approval. An installation project coordinator with DoD Category 11 certification will perform quality assurance for all contract aerial application projects. **(T-0)**

**A3.9.** Once a project is approved, it can continue until changes in the pesticide, application rate, or the spray area are desired, or until environmental considerations require reexamination of the project.

**A3.10.** If a reexamination is performed with appropriate changes justified in the statement of need and environmental documentation, the project can be resubmitted for approval.